

Replacement Specification – Clean Copy
App. Ser. No. 10/591,493
October 24, 2008

FIG. 11 is a schematic view of an embodiment of an air vent of a valve element in an open position;

FIG. 12 is a schematic view of an embodiment of an air vent of a valve element in an open position;

FIG. 13 is a plot of the area of outlet vs. number of turns of valve element of FIG. 12;

FIG. 14 is a schematic view of an embodiment of an air vent of a valve element in an open position;

FIG. 15 is a plot of flow rate vs. time showing a discontinuous flow rate;

FIG. 16 is a plot of flow rate vs. time for a continuous flow rate;

FIG. 17 is a cross-sectional view of another embodiment of an air-vented liquid valve in a closed position;

FIG. 18 is a cross-sectional view of the valve of FIG. 17 in the open position;

FIG. 19 is a cross-sectional view of another embodiment of an air-vented liquid valve in a closed position;

FIG. 20 is a cross-sectional view of the valve of FIG. 19 in an open position; and

FIG. 21 is an end view of a valve element of the valve of FIG. 19.

DETAILED DESCRIPTION OF THE INVENTION

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